

Montana ESEA Title II, Part B Mathematics and Science Partnership (MSP)

2012 Request for Proposal
Technical Assistance
July 31, 2012

Who will be guiding you through this webinar today?



Jean Howard
Mathematics Curriculum
Specialist



Jael Prezeau
Content Standards and
Instruction Division
Director



Kristen Crawford
Science Curriculum
Specialist



Webinar “Protocol”

- When you have questions during the webinar, please use the chat box and we will answer them at the end of the webinar.
- Both the recorded webinar and a “FAQs” page will be posted on the MSP web page by the end of the week.
- You will need a copy of the grant RFP and a highlighter during the webinar
- We plan to go in order of the RFP during the webinar

Purpose of the Mathematics and Science Partnership Program, authorized by ESEA Title II, Part B *(page 3)*

“The purpose of this program is to **improve the academic achievement of students** in the areas of **mathematics and science** by encouraging state education agencies, institutions of postsecondary education, local education agencies, elementary schools, and secondary schools to participate in programs that **improve instruction** and **upgrade the status and stature of mathematics and science teaching.**”

Continuation of MSP Program

(page 3)

- Formula grant program to the states- the size of the award is based on the states' student population and poverty rates
- Each state administers a **competitive** grant competition
- Grants are made to **partnerships** to improve **teacher knowledge/instruction** in mathematics and science
- The Office of Public Instruction (OPI) is responsible for conducting this grant program



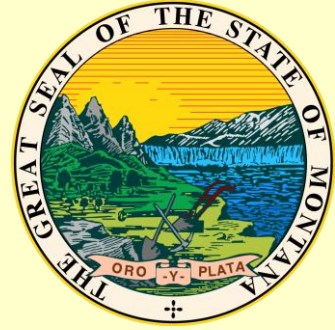
ESEA Title II, Part B MSP Program Encourages Participation in Programs That:

(page 3)

- improve and upgrade the status and stature of mathematics and science teaching by encouraging postsecondary education institutions to improve mathematics and science teacher education;
- focus on the education of mathematics and science teachers as a career-long process;
- bring mathematics and science teachers together with scientists, mathematicians, and engineers to improve their teaching skills;
- develop more rigorous mathematics and science curricula that are aligned with challenging state and local academic content standards and with the standards expected for postsecondary study in engineering, mathematics, and science; and
- improve and expand professional learning of mathematics and science teachers, including teaching such educators in the effective integration of technology into curricula and instruction.

The Montana MSP Program

(bottom of page 3)



- Two projects awarded: one math, one science
- Emphasis on collaboration:
 - The two projects will collaborate with one another
 - The two projects will collaborate with all five Regional Education Service Areas (RESAs)
 - The two projects will collaborate/interact with the Montana Science, Technology, Engineering, and Mathematics (STEM) Initiative

Goals of the Montana MSP Project



Goal 1 (pp. 3-4)



Scale-up the impact of the MSP program across Montana by creating a statewide systemic, research-based and sustainable approach to improve student achievement and teacher content knowledge of the *K-12 Framework for Science Education* or *Montana Common Core Standards for Mathematics*

Goal 2

(page 4)

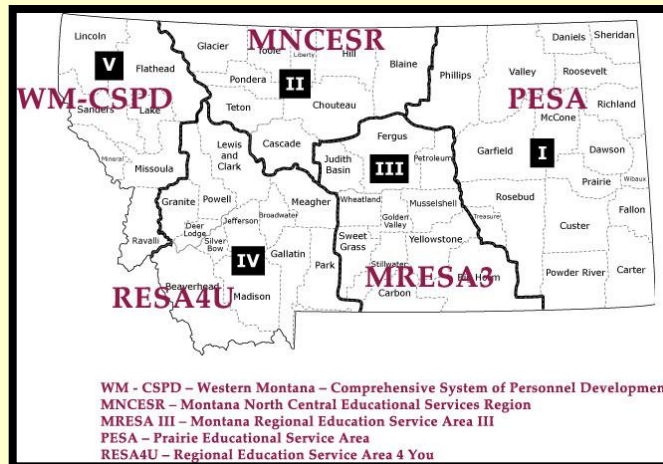
Design and deliver interactive, on-demand, high-quality learning modules for mathematics or science through statewide and regional professional development using various venues including school-based and distance learning.



Goal 3

(page 4)

Directly engage the five Regional Education Service Areas (RESAs) as active partners. The RESA network includes: Prairie Educational Service Area (PESA), Montana North Central Educational Services Region (MNCESR), Montana Regional Education Service Area 3 (MRESA3), Regional Education Service Area 4 You (RESA4U) and Western Montana Comprehensive System of Personnel Development (WM-CSPD).



Goal 4

(page 4)

Support and interacting with the
Montana Science, Technology,
Engineering, and Mathematics (STEM)
Education Initiative.



Goal 5

(page 4)

Participate in a rigorous evaluation system guided by the OPI in consultation with Education Northwest to determine the effectiveness of professional development and its impact on student learning outcomes by analyzing interim assessments and state summative assessment data in Mathematics or Science.

General Grant Information

(all of this information is found on page 5)

Q: Who may apply?

A: The application requires a partnership between “high-need local education agencies” and postsecondary education institutions.

Q: What does the term “high-need” mean?

A: (1) serves no fewer than 10,000 children from families with incomes below the poverty line [or a school district for which 20 percent of the children are from families with incomes below the poverty line](#); or (2) has a high percentage of teachers not teaching in the academic subjects or grade levels that the teachers were trained to teach; or has a high percentage of teachers with Emergency Authorization.

General Grant Information (cont'd)

Q: How many grants will be awarded?

A: Up to two grants will be awarded, one in math and one in science.

Q: How much is the grant funding?

A: Each of the two grants will be funded for up to approximately \$335,178 per year for up to three years [contingent upon federal funding each year.](#)

Q: What is the duration of the grant?

A: Year 1 of the grant begins October 1, 2012 and continues through June 30, 2013. Funding for years two and three will be based upon each project meeting the reporting requirements and the availability of federal funding.

General Grant Information (cont'd)

Q: When will grant funds be available?

A: Grant funds will be available for use October 1, 2012. This is the beginning of the fiscal year for the USDOE so they will often refer to this MSP grant year as 2013 although, for us, it really begins in 2012. Let the confusion begin!

Q: What are the guidelines for use of funds?

A: Funds must be used to supplement, and not supplant or replace, funds that would otherwise be used for proposed activities. General Administrative Regulations are referenced in a link toward the bottom of page 5 in your RFP.

Program Requirements

(Pages 5-6)

Q: Who are the required partners?

A: At a minimum, a partnership must include the following:

- an engineering, technology, mathematics, or science department of a postsecondary education institution;
- a high-need LEA; and
- Montana's five Regional Education Service Areas.

A partnership may also include the following:

- another science, technology, engineering or mathematics or teacher preparation department of a postsecondary education institution;
- additional LEAs, public or private elementary schools or secondary schools, or a consortium of such schools;
- a business; or
- a nonprofit or for-profit organization of demonstrated effectiveness in improving the quality of mathematics and science teachers.

Program Requirements (cont'd)

(page 6)

A: Required External Evaluator

A qualified external project evaluator must also be used by each MSP grant recipient to design, implement, and manage an evaluation and accountability system that includes rigorous objectives used to measure the formative and summative impact of the project.

Required Core Planning Team

All projects must have a core planning team in place to oversee the general design and implementation of the project. At a minimum the team will consist of:

1. a teacher from one or more of the partner LEAs;
2. a building principal or district superintendent from one of the partner LEAs;
3. a participating STEM faculty member;
4. directors, or their designees, from two or more of the five RESAs;
5. a science or math education faculty member; and
6. the project evaluator.

Program Requirements(cont'd)

(page 6)

A: Private School Participation

The statute and regulations require that sub grantees provide private schools in their area the opportunity for meaningful collaboration with the sub grantees during the planning process for any subsequent professional development activities. Further, the sub grantees must provide private school children and their teachers, or other educational personnel, the opportunity to receive services and benefits of the program on an equitable basis with public school children and teachers.

Program Requirements(cont'd)

(page 6)

Reporting Requirements

1. All partnerships are required to complete the online Annual Performance Report (APR) providing project information and reporting the partnership's progress in meeting the objectives described in the evaluation and accountability plan. These objectives must include measures of student and teacher content knowledge and skills in mathematics and/or science.
2. The Office of Public Instruction MSP Program will monitor both projects to ensure compliance with all requirements-monitoring also includes assistance provided to both projects.

Application Timeline

(page 7)

2012 Application Timeline

July 13	Request for Proposal (RFP) posted on OPI Web site and announced via OPI Official E-Mail
July 31	Technical Assistance Webcast 2:00-3:30 p.m. Mathematics and Science Partnership RFP
August 31	Applications Received Electronically by the OPI by 5:00 p.m. <i>No facsimile grant applications will be accepted.</i>
September 4-14	Application Review Process
September 17	Grant Awards Announced
September	Comments provided to non-funded grant applications
October 1	Project funds become available
November	Mandatory Meeting for MSP Project Directors and External Evaluators

This is a federal program. Sub awardees grant reporting dates and requirements are subject to change as federal requirements change. Three-year grant awards contingent upon federal funding.

Instructions for Submission

(page 8)

Mail the completed original Montana MSP Grant application
and **two** copies to:

Office of Public Instruction,
ATTN: Sheri Harlow, Administrative Assistant,
PO Box 202501, Helena, MT 59620-2501,
postmarked no later than August 31, 2012;
and

By 5:00 p.m. August 31, 2012, submit an electronic PDF copy
of the completed grant application to:

Sheri Harlow, Administrative Assistant
Office of Public Instruction
E-Mail: sharlow@mt.gov

Faxed applications will not be accepted.

Application Requirements

(pages 8-10)

- **Cover Page**- use form provided in Appendix A of the RFP
- **Abstract**- keep this to between 200-300 words
- **Partnership Operational Narrative**
 - No more than 25 pages long
 - Use ½ inch or larger margins
 - Use 12 point, Times New Roman font
 - Double-space
 - No more than 30 lines of type per page
 - Address each of the elements described on pages 8-9 (items a-j)

Application Requirements (cont'd)

(pages 8-10)

- **Partnership Evaluation and Accountability Plan**
 - **No more than 8 pages long**
 - **Use ½ inch or larger margins**
 - **Use 12 point, Times New Roman font**
 - **Double-space**
 - **No more than 30 lines of type per page**
 - **Address each of the elements described on page 9 (items a-f)**

Application Requirements (cont'd)

(pages 8-10)

- **Partnership Budget and Budget Narrative**
 - **Should clearly tie to the plan summarized in the Partnership Operational Narrative**
 - **Should describe the basis for determining the amounts shown on the overall project budget page and for each of the partner funding request pages submitted**

****The partnership will determine the necessary resources to support the following: the collaboration between MSP and the five RESAs; participation in state MSP and STEM conferences, forums and workshops; and travel to Annual Regional MSP Conference sponsored by the U.S. Department of Education***

Application Requirements (cont'd)

(pages 8-10)

•**Proposal Appendices-** the grant application appendices should include *only* the following documents. These appendices are *not* included in the application page limit.

- a. Cover Page
- b. Statement of Assurances (**prime applicants other than school districts must contact the OPI for proper common assurance forms required for submission with the proposal**)
- c. Partnership Identification Forms
- d. Budget Forms
- e. Letter of Commitment from each partner- **yes, you do need a letter from each RESA**
- f. Partner Funding Request for each partner

Review Process

(page 10)

The application review process includes:

1. proposals scored by an external review by a panel experienced in reading similar grant applications;
2. recommendations made to the OPI team by the external review panel; and
3. final decisions made by the OPI review team based on the external panel recommendations and required policy decisions regarding the award.

Successful grant applicants will be notified by September 17, 2012, of grants awards. Decisions of the OPI on funding and awarding of grants shall be final.

Point Scale Outlined in Rubric

Appendix G

(page 12)

Categories	Maximum Points
Partnership: Operational Narrative No more than 25 pages that addresses the following: <ul style="list-style-type: none"> Partnership (a, g, h on page 8) 	15
<ul style="list-style-type: none"> Implementation Support and Sustainability for Participants (c, e, f, i, j on pages 8-9) 	20
<ul style="list-style-type: none"> Overall Design and Efficacy of Project Plan (b, d on page 8) 	25
Partnership: Evaluation and Accountability Plan No more than 8 pages that addresses the following: <ul style="list-style-type: none"> Evaluation and Accountability Plan (a-f on page 9) 	25
Partnership: Budget and Budget Narrative Budget narrative and budget form (Appendix E on page 18) addresses the following: <ul style="list-style-type: none"> Budget and Cost Effectiveness (described on pages 9-10) 	15
Total Possible Points	100

Appendix G- Grant Application Review Rubric

(pages 20-22)

Show Appendix G

Time for questions



****Please remember that we will use the chat box in order to conserve time. If your question does not get answered during the webinar, it will be included in our “FAQs” section along with the other questions answered today and posted on the MSP web page at <http://www.opi.mt.gov/curriculum/msp/> by the end of the week.***

Contact Information

Kristen Crawford
Science Curriculum Specialist
kcrawford@mt.gov

Jean Howard
Mathematics Curriculum Specialist
jhoward@mt.gov

Jael Prezeau
Content Standards and Instruction Division Director
jprezeau@mt.gov